

FORM Identifier: F 108 Revision: 04 Page: 1/1	Product specification for inductive components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client:	MAGNETEC GmbH	Magnetec P/N:	M-115	Magnetec A/N:	12334
Client's P/N:	/	PS Index:	03	PS Revision:	03
Subject:	EMC Wandler			Type:	E

1. Mechanical Outline	
Nominal core dimensions: 130 x 100 x 30 Finished product dimensions: OD \leq 135,0 ID \geq 94,0 H \leq 34,0 [dimensions] = mm	

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 35,92 \text{ cm}$	$A_{Fe} = 3,33 \text{ cm}^2$
Permeability level:	$\sim 30\ 000$	@ frequency 10 kHz	@ H peak 3,1 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μ H]	24,6 - 52,9	10 kHz	80
	AL [μ H]	12,2 - NA	100 kHz	80

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-115-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	2 pcs. per layer; 3 layers per carton box ; PU = 6 pcs.

5. Comments:	

Index / Revision	Alteration	Date
03 / 01	Product spezifikation	24.06.2005
03 / 02	New format	04.09.2007
03 / 03	100kHz lower limit defined	10.05.2014

Created:	Z. Palánki	Approved (Techn):	F. Zámorszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	10.05.2014		23.05.2014		23.05.2014		23.05.2014